

IN THE SPECIFICATION

Please replace the paragraph beginning at line 4 and ending at line 15 with the following:

Generally, estimating the efficiency and the impact on cost of the efficiency of a steam-turbine power generation system is a complicated, labor-intensive process. Typically, performance engineers visit power generation sites (*i.e.*, sites using steam-turbine power generation) during scheduled outages to examine the condition of the steam turbines and to ~~makes~~ make recommendations for maintenance to improve the efficiency and lower the operating cost of the steam turbine. In order to improve the efficiency, and thus lower the operating cost of the steam turbine, performance engineers must calculate the efficiency of the steam turbine at each stage. Once the current efficiency factors are known at each stage, the performance engineer must use established guidelines and educated guesses as to what maintenance and/or repairs must be performed on each section of the turbine and determine the impact of the maintenance and/or repairs to the turbine's efficiency and the operating cost.